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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	DX0904KB1
First Inventor	Jacqueline C. TIMANS
Title	Mammalian Cytokines; Related Reagents and Methods
Express Mail Label No.	EL 982 850 981 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17) (*submit an original and a duplicate for fee processing*)
2. Applicant claims small entity status. See 37 CFR 1.27.
3. Specification [Total Pages 116] (*preferred arrangement set forth below*)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Pages]
5. Oath or Declaration [Total Pages 2]
 - a. New executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional with Box 18 completed*)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

U.S.PTO
22581 210/694978

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-SB/08 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. Certified Copy of Priority Document(s)
16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i), (Form PTO/SB/35).
17. Other: (a) Cover Sheet for patent application with Express Mail Certificate of Mailing, (b) copy of Restriction Requirement from parent application

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/398,412Prior application information: Examiner: Prema Maria MERTZ Group Art Unit: 1646

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label : Correspondence address below:**028008**

DNAX Research, Inc.
901 California Ave.
Palo Alto, CA 94304
Telephone: (650) 496-6400
Facsimile: (650) 496-1200

Name (Print/Type)	Tom Brody, Reg. No. 46,433	Date	
Signature	<i>Tom Brody</i>		<i>October 27, 2003</i>

"Express Mailing" mailing label number EL 982 850 981 US Date of Deposit: Oct. 27, 2003
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *Melanie Lyons*
MELANIE LYONS

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Jacqueline C. TIMANS
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	DX0904KB1

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Other None Deposit Account:

Deposit Account Number: 04-1239

Deposit Account Name: DNAX Research, Inc.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee	Fee
1051 130	2051 65	Surcharge – late filing fee or oath	_____
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet	_____
1053 130	1053 130	Non-English specification	_____
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	_____
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	_____
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	_____
1251 110	2251 55	Extension for reply within first month	_____
1252 420	2252 210	Extension for reply within second month	_____
1253 950	2253 475	Extension for reply within third month	_____
1254 1,480	2254 740	Extension for reply within fourth month	_____
1255 2,010	2255 1,005	Extension for reply within fifth month	_____
1401 330	2401 165	Notice of Appeal	_____
1402 330	2402 165	Filing a brief in support of an appeal	_____
1403 290	2403 145	Request for oral hearing	_____
1451 1,510	1451 1,510	Petition to institute a public use proceeding	_____
1452 110	2452 55	Petition to revive – unavoidable	_____
1453 1,330	2453 665	Petition to revive – unintentional	_____
1501 1,330	2501 665	Utility issue fee (or reissue)	_____
1502 480	2502 240	Design issue fee	_____
1503 640	2503 320	Plant issue fee	_____
1460 130	1460 130	Petitions to the Commissioner	_____
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	_____
1806 180	1806 180	Submission of Information Disclosure Stmt	_____
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	_____
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	_____
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	_____
1801 770	2801 385	Request for Continued Examination (RCE)	_____
1802 900	1802 900	Request for expedited examination of a design application	_____

Other fee (specify) _____

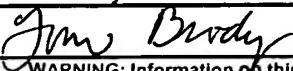
* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 0

* or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Tom Brody	Registration No.	46,433	Telephone	1-650-496-6400
Signature				Date	October 27, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket Number DX904KB1

PATENT APPLICATION

MAMMALIAN CYTOKINES; RELATED REAGENTS AND METHODS

INVENTORS:

Jacqueline C. Timans, a citizen of the United Kingdom, residing at 1538
Canna Court; Mountain View, California 94043.

"Express Mailing" mailing label number EL 982 850 981 US

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by:



MELANIE LYONS

ASSIGNEE:

Schering Corporation, a New Jersey corporation.

Customer No. 28008

DNAX Research Institute
901 California Avenue
Palo Alto, California 94304-1104
Tel: (650) 496-6400
Fax: (650) 496-1200